

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. **HSJ920030269US1**First Inventor **Craig N. Fukushima**Title **METHOD FOR CALIBRATING DISK DRIVE SERVO CONTROL
SYSTEM GAIN VALUES DURING MANUFACTURING**Express Mail Label No. **EL 995203062 US**

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **19**]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **6**]
5. Oath or Declaration [Total Pages **2**]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☒ Power of
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: _____/_____

Prior application information:

Examiner: _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

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Registration No. (Attorney/Agent)

26,945

Signature

Robert Martin

Date

3/31/04

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

040104

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PTO/SB/17 (10-01)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 846.00

Complete if Known

| | |
|----------------------|--------------------|
| Application Number | |
| Filing Date | |
| First Named Inventor | Craig N. Fukushima |
| Examiner Name | |
| Group Art Unit | |
| Attorney Docket No. | HSJ920030269US1 |

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: **502587**
Deposit Account Name: **Hitachi Global Storage Technologies**

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|------------------------|----------|
| 1001 770 | 2001 385 | Utility filing fee | 770.00 |
| 1002 340 | 2002 170 | Design filing fee | |
| 1003 530 | 2003 265 | Plant filing fee | |
| 1004 770 | 2004 385 | Reissue filing fee | |
| 1005 160 | 2005 80 | Provisional filing fee | |

SUBTOTAL (1) (\$) 770.00

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 22 | -20** = 2 | 18.00 | 36.00 |
| 3 | -3** = 0 | 86.00 | 0.00 |
| Multiple Dependent | | | |

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description |
|----------------------------|----------------------------|------------------------------------------------------------|
| 1202 18 | 2202 9 | Claims in excess of 20 |
| 1201 86 | 2201 43 | Independent claims in excess of 3 |
| 1203 290 | 2203 145 | Multiple dependent claim, if not paid |
| 1204 86 | 2204 43 | ** Reissue independent claims over original patent |
| 1205 18 | 2205 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 36.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES


| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|----------------------------------------------------------------------------|----------|
| 1051 130 | 205 65 | Surcharge - late filing fee or oath | |
| 1052 50 | 227 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 130 | 139 130 | Non-English specification | |
| 1812 2,520 | 147 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 1804 920* | 112 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 1,840* | 113 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 110 | 215 55 | Extension for reply within first month | |
| 1252 420 | 216 205 | Extension for reply within second month | |
| 1253 950 | 217 465 | Extension for reply within third month | |
| 1254 1,480 | 218 725 | Extension for reply within fourth month | |
| 1255 2,010 | 228 985 | Extension for reply within fifth month | |
| 1401 330 | 219 160 | Notice of Appeal | |
| 1402 330 | 220 160 | Filing a brief in support of an appeal | |
| 1403 290 | 221 140 | Request for oral hearing | |
| 1451 1,510 | 138 1,510 | Petition to institute a public use proceeding | |
| 1452 110 | 240 55 | Petition to revive - unavoidable | |
| 1453 1,330 | 241 650 | Petition to revive - unintentional | |
| 1501 1,330 | 242 650 | Utility issue fee (or reissue) | |
| 1502 480 | 243 235 | Design issue fee | |
| 1503 640 | 244 310 | Plant issue fee | |
| 1460 130 | 122 130 | Petitions to the Commissioner | |
| 1807 50 | 123 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 180 | 126 180 | Submission of Information Disclosure Stmt | |
| 8021 40 | 581 40 | Recording each patent assignment per property (times number of properties) | 40 |
| 1809 770 | 246 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 1810 770 | 249 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 1801 770 | 279 375 | Request for Continued Examination (RCE) | |
| 1802 900 | 169 900 | Request for expedited examination of a design application | |

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 40.00

SUBMITTED BY

| | | | | | |
|-------------------|-------------------------------------------------------------------------------------|-----------------------------------|---------|-----------|----------------|
| Name (Print/Type) | Robert B. Martin | Registration No. (Attorney/Agent) | 26,945 | Telephone | (408) 717-5485 |
| Signature |  | Date | 3/31/04 | | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of :

Craig N. Fukushima et al. : Group Art Unit: Not Yet Assigned

Serial No. Not Yet Assigned : Examiner: Not Yet Assigned

For: "Method For Calibrating Disk Drive Servo Control System Gain Values During Manufacturing"

Assistant Commissioner of Patents and Trademarks
Alexandria, VA 22313-1450

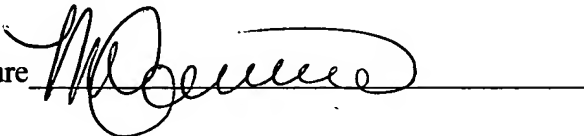
EXPRESS MAIL CERTIFICATE

I hereby certify that the above paper/fee is being deposited with the United States Postal Service as _Express Mail Post Office to Addressee_ service in an envelope addressed to the Assistant Commissioner for Patents and Trademarks, Alexandria, VA 22313-1450 on March 31, 2004.

Express Mail NO.: EL 995203062 US

Person mailing paper/fee: Mary Lou Domenici

Signature

A handwritten signature in dark ink, appearing to read "Mary Lou Domenici", is written over a horizontal line. The signature is fluid and cursive.